Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 27 Sep 2023 until 23:59 on Thursday 28 Sep 2023

Forecast Issued on Tuesday 26 Sep 2023 at 16:18

Confidence: High for an unsettled weather particularly on Wednesday and Thursday. Drier weather expected by Saturday, with more settled conditions.

Headline for Wednesday 27 Sep 2023: Increasingly cloudy with winds strengthening with rain and gales by afternoon.

Mountain weather hazards on Wednesday 27 Sep 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
Medium Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
10%	20%	10%	20%	60%	70%	80%	70%

Forecast for Wednesday 27 Sep 2023

Weather: Some cloud breaks with scattered showers turning more isolated and lighter in the early hours. Dry for a few hours before thickening and lowering cloud brings outbreaks of rain in the early afternoon of Wednesday. This rain probably becoming heavy and persistent. The rain becoming more showery in nature around dusk with some clear spells between following blustery showers. Strongest winds from south later in the day.

Chance of cloud-free hill tops above 600m: 90% for the morning becoming 60% by mid- afternoon with little change in evening.

Low Cloud and visibility: Generally above the tops to start the day, with broken to overcast bases down to 400m developing through the afternoon, and more especially in the evening. Good visibility becoming moderate to poor in rain and heavy showers and becoming very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 27 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 SW	12/17 S	10/15 S	16/21 SE	20/30 SE	26/37 SE	32/47 S	36/53 S	37/55 SW
300	10/22 SW	5/11 S	4/12 SE	9/19 SE	14/30 SE	16/35 SE	20/42 S	23/47 S	25/49 SW
Valley	4/15 SW	5/15 S	6/12 SE	8/17 SE	13/29 SE	18/39 SE	21/46 S	22/47 S	23/47 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	9/6	9/7	10/6	10/7	12/8	13/8	10/6	10/5
300	11/10	10/9	10/9	13/11	13/10	14/11	15/11	13/9	12/8
Valley	12/12	12/11	11/10	14/12	14/12	15/12	16/12	14/10	14/10
Freezing Level*	1900m	1700m	1700m	2000m	2500m	2600m	2500m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

An increasingly windy day with gusts possibly 10-15mph higher than indicated across some ridges, with significant buffeting.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 26 Sep 2023	0.4mm	2.8mm	11.6mm

Forecast for Thursday 28 Sep 2023

Weather: Cloudy start with showers probably easing and clearing soon after dawn. Thursday then mostly fine but windy and thickening cloud is likely to bring further rain from the south and west in the evening period.

Maximum wind: Southwesterly with gusts reaching around 70mph in the early hours of Thursday morning.

Chance of cloud-free hill tops above 600m: 90% becoming 40% in the evening.

Low Cloud and visibility: Scattered to broken bases around 600m, otherwise cloud generally remaining above summits.

Temperature: **Valleys:** Plus 8 Celsius becoming plus 16 Celsius.
At 600m: Plus 7 Celsius becoming plus 12 Celsius.
Freezing level: Well above summits.

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